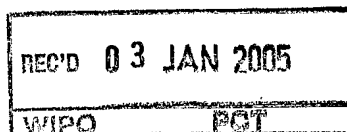


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# PATENT COOPERATION TREATY



PCT

From the  
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

|   |        |
|---|--------|
| To:   | 100083 |
| DEQI INTELLECTUAL PROPERTY LAW CORPORATION  |        |
| 8 Fl., Golder Plaza, No. 10 Huayuan-<br>donglu, Haidian District, Beijing, P.R. China |        |
| ZHANG Yingling WANG Qi  |        |

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43 *bis*.1)

|  |  |   |  |
|--|--|---|--|
| Applicant's or agent's file reference<br>DF040709P   |  | Date of mailing<br>(day/month/year) <b>23 DEC 2004 (23.12.2004)</b> |  |
| FURTHER see  |  | ACTION paragraph 2 below  |  |
| International application No.<br>PCT/CN2004/001042   | International filing date (day/month/year)<br>13.Sep.2004 (13.09.2004) | Priority date (day/month/year)<br>30.Sep.2003 (30.09.2003)          |  |
| International Patent Classification (IPC) or both national classification and IPC<br>(IPC7)H04L12/28 |  |   |  |
| Applicant<br>HUAWEI TECHNOLOGIES CO., LTD. <i>ET AL</i>  |  |   |  |

### 1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☒ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

### 2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1*bis*(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

### 3. For further details, see notes to Form PCT/ISA/220.

|   |  |
|---|--|
| Name and mailing address of the ISA/<br>6 Xitucheng Rd., Jimen Bridge, Haidian District,<br>100088 Beijing, China | Authorized officer<br>Shao Hua ZHU<br> |
| Facsimile No. 86-10-62019451  | Telephone No. (86-10)62084551          |

International application No.  
PCT/CN2004/001042

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of :

- ☐ contained in the international application as filed.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ in addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

Form PCT/ISA/237(Box No. I) (January 2004)

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/CN2004/001042

**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

**1. Statement:**

|                               |             |     |
|-------------------------------|-------------|-----|
| Novelty (N)                   | Claims 1-23 | YES |
|                               | Claims      | NO  |
| Inventive step (IS)           | Claims 1-23 | YES |
|                               | Claims      | NO  |
| Industrial applicability (IA) | Claims 1-23 | YES |
|                               | Claims      | NO  |

**2. Citations and explanations**

1. Document 1 CN1434610A discloses a communication system and method, used for connecting the wireless LAN to public network so that user terminal related with WLAN can communicate with public network.
2. Document 2 WO03065654A1 discloses mobile devices such as personal digital assistants or mobile phones can connect to the internet to another IP based network using WPAN and WLAN in infrastructures or cellular systems like GPRS or 3G.
3. The difference of the invention as defined in the independent claim 1 over the prior art includes the character "network determines whether network selecting information in the received message belongs to mobile communication provider connected by current WLAN". None of the prior art documents anticipate the content, therefore claim 1 is novel (Art.33(2)PCT) and inventive (Art.33(3)PCT) over the prior art.
4. Dependent claims 2-23 are truly dependent on independent claim 1, hence their subject matter is also novel and inventive.

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.  
PCT/CN2004/001042

**Box No. VI    Certain documents cited**

**1.    Certain published documents(Rules43bis.1 and 70.10)**

| Application No.<br>Patent No. | Publication date<br>(day/month/year) | Filing date<br>(day/month/year) | Priority date (valid claim)<br>(day/month/year) |
|-------------------------------|--------------------------------------|---------------------------------|---|
| CN1434610A                    | 06.08.2003                           | 07.06.2002                      | 24.01.2002                                      |
| WO03065654A1                  | 07.08.2003                           | 24.01.2003                      | 29.01.2002                                      |

**2.    Non-written disclosures(Rules43bis.1 and 70.9)**

| Kind of non written disclosure | Date of non –written disclosure<br>(day/month/year) | Date of written disclosure<br>referring fo non-written disclosure<br>(day/month/year) |
|--------------------------------|---|---|
|--------------------------------|---|---|